

We claim:

1. A quick dissolving film coating composition for coating solid  
5 substrates, composed of
  - a) 10 - 90% by weight of a polyvinyl alcohol-polyether graft copolymer (component A),
  - 10 b) 5 - 80% by weight of at least one further component containing at least one functional group selected from the group consisting of hydroxyl, amide and ester functions (component B), and
  - 15 c) 0 - 70% by weight of further customary coating constituents (components C).
2. A composition as claimed in claim 1, wherein component B is a  
20 polymer.
3. A composition as claimed in claim 1, wherein component B is a  
sugar, a sugar alcohol, or a derivative thereof.
4. A composition as claimed in any of claims 1 to 3, wherein  
25 component B is a highly disperse silica having a specific surface area  $\geq 100 \text{ m}^2/\text{g}$ .
5. A composition as claimed in any of claims 1 to 4, wherein  
component B is a polymer selected from the group consisting  
30 of polyvinyl alcohols, polysaccharides, celluloses, starches, gelatin, polyvinylpyrrolidones, vinylpyrrolidone-vinyl acetate copolymers, vinylpyrrolidone-methacrylate copolymers, vinylpyrrolidone-acrylate copolymers, (meth)acrylate  
35 copolymers, hydroxyalkyl (meth)acrylate copolymers, polyvinyl acetates, polylactides, polyethylene glycols, polypropylene glycols, polyethylene glycol-polypropylene glycol block copolymers, and derivatives thereof.
6. A composition as claimed in any of claims 1 to 5, wherein  
40 component B is a compound selected from the group consisting of lactose, sucrose, glucose, xylose, mannitol, sorbitol, xylitol and isomalt.
7. A composition as claimed in any of claims 1 to 6, wherein  
45 component B is a polyvinyl alcohol having a degree of hydrolysis of between 80 and 99 mol%.

8. A composition as claimed in any of claims 1 to 7, wherein component B is selected from the group consisting of hydroxypropylmethylcellulose, hydroxypropylcellulose, hydroxyethylcellulose, hydroxyethylmethylcellulose, methylcellulose, ethylcellulose, carboxymethylcellulose, cellulose, and microcrystalline cellulose.
9. A composition as claimed in any of claims 1 to 8, wherein component B is selected from the group consisting of alginates, including propylene glycol alginates, carrageenans, pectins, guar, tara, xanthans, gum arabic, chitosans, and salts thereof.
10. A composition as claimed in any of claims 1 to 9, wherein component B is selected from the group consisting of N-vinylpyrrolidone homopolymers, crosslinked polyvinylpyrrolidones, polyvinyl acetate, and N-vinylpyrrolidone-vinyl acetate copolymers.
11. A composition as claimed in any of claims 1 to 10, wherein component B comprises vinylpyrrolidone-acrylate copolymers or vinylpyrrolidone-methacrylate copolymers.
12. A composition as claimed in any of claims 1 to 11, wherein component B comprises (meth)acrylate copolymers or hydroxyalkyl (meth)acrylate copolymers.
13. A composition as claimed in any of claims 1 to 12, wherein component B comprises a 1:2:1 butyl methacrylate-2-dimethylaminoethyl methacrylate-methyl methacrylate copolymer, a methacrylic acid-methyl methacrylate copolymer, a 1:1 methacrylic acid-ethyl acrylate copolymer or a salt thereof.
14. A composition as claimed in any of claims 1 to 13, wherein component B comprises starch, starch derivatives, starch hydrolyzates, amylose, cyclodextrins, maltodextrins, glucose syrups, dextrans, inulin, polydextrose or polyfructose.
15. A composition as claimed in any of claims 1 to 14, wherein component B comprises lactose, glucose, xylose or sucrose.
16. A composition as claimed in any of claims 1 to 15, wherein component B comprises isomalt.

17. A composition as claimed in any of claims 1 to 16, wherein component B comprises mannitol, sorbitol or xylitol.
18. A composition as claimed in claim 1, wherein component B  
5 comprises urea.
19. A composition as claimed in any of claims 1 to 18, wherein component B comprises a highly disperse silica having a specific surface area  $\geq 100 \text{ m}^2/\text{g}$ .
- 10 20. A composition as claimed in any of claims 1 to 19, wherein components C comprise dyes, lakes, pigments, detackifiers, fillers, shine enhancers, wetting agents, surfactants, foam preventatives, protective colloids, buffer substances, pH  
15 regulators, and plasticizers.
21. A process for producing coated substrates, which comprises stirring a film coating composition as claimed in any of claims 1 to 20 into water and applying it to the substrate by  
20 means of an appropriate spraying means, the film coating being dried gradually by supplying heated air.
22. A process as claimed in claim 21, wherein before adding it to water said composition is either dry mixed or compacted or  
25 granulated and is introduced as a premix into water.
23. A process as claimed in claim 21, wherein components A and B and also components C minus the coloring components are dry mixed or compacted or granulated and that preparation is  
30 stirred into water before or together with the coloring components.
24. A process as claimed in any of claims 21 to 23, wherein a mixture of components A and B is subjected from aqueous  
35 solution to spray drying, fluidized bed drying or roller drying and this powder, with components C, is stirred into water.
25. A process as claimed in any of claims 21 to 24, wherein a  
40 mixture of components A and B is subjected from aqueous solution to spray drying, fluidized bed drying or roller drying and this powder is granulated or compacted or mixed with components C and is stirred into water as such a  
45 mixture.

26. A process as claimed in any of claims 21 to 25, wherein components A and B and also components C minus the coloring components are subjected from aqueous solution to spray drying, fluidized bed drying or roller drying and the resultant powder, where appropriate with the coloring component, is stirred into water.

27. A solid substrate coated with a film coating of any of claims 1 to 20.

28. A substrate as claimed in claim 26, selected from pharmaceutical, cosmetic, and agrochemical product forms, seed, dietary supplements, and foods.